

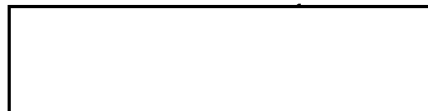
29 December 1977

MEMORANDUM FOR: NIO/Conventional Forces  
NIO/Strategic Programs  
NIO/Political-Economy  
NIO/Nuclear Proliferation  
NIO/Special Studies  
NIO/USSR-Eastern Europe  
NIO/Western Europe  
NIO/Near East & South Asia  
NIO/Africa  
NIO/East Asia  
NIO/China  
NIO/Latin America

FROM : Special Assistant-NIO Support

SUBJECT : Communications Requirements

In order to aid the Office of Communications prepare its FY 1980-84 program, NFAC is compiling a list of its anticipated communications requirements for that period. Should you have any--such as secure lines to contractors or for ADP terminals--please let me know by COB, 6 January, along with the descriptive material requested in the attachment.



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Attachment

## COMMUNICATIONS REQUIREMENTS DEFINITION

A communications service is identified as an end-to-end capability which provides for the transfer of information electronically between a sender and a receiver. Requirements for such services should be specified in terms of a problem to be solved, without specifying the solution. In this regard, there are certain basic elements required in the requirement statement:

- 1) A brief description of the mission need to be met.
- 2) Identification of the locations between which the user expects to transfer the information.
- 3) Traffic statistics.
- 4) Specification of the level of service required.

It should be noted that the user has the sole responsibility for the content of the information to be passed, while the supplier assumes the responsibility for the planning, engineering, operation, maintenance and for the acceptance, transmission and delivery of the information.

SPECIFIC SERVICES REQUIREMENTS:

1. SECURE VOICE

a. Expansion of service at existing locations, with location identification, including calling areas/ components to which calls are to be made.

b. Provision of service to new locations, with location identification, including calling areas/ components to which calls are to be made.

c. Security level required.

2. DATA SERVICE

a. The number and locations of termination points at which information is to be received or transmitted.

b. Identification of the user's equipment, if any, installed or specified at the termination point.

c. Identification of major system to be accessed.

d. Projected volume of use.

e. Type of data to be transferred, e.g., graphics, semi-narrative, etc.